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(54) **SHAFT ELEMENT HAVING ELASTIC EMBOSSED PATTERNS**

anti-slip patterns 2.

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(57) Abstract:

PROBLEM TO BE SOLVED: To enhance the anti-slip effect of the grip part of a shaft element by forming embossed patterns having specific rubber hardness and specific thickness to at least the grip part of the shaft element by screen printing.

SOLUTION: Embossed patterns 2 with rubber hardness of 60-90 and a thickness of 30-200 μ m are formed to at least the grip part of the shaft element 1 of a writing utensil, a cosmetic utensile or an electronic input pen by screen printing. The surface roughness of the embossed patterns 2 is set to 0.1-3 μ m and a urethane resin is used as the material quality of the embossed patterns 2. As the material quality of the shaft element 1, a thermoplastic resin such as ABS, PET, POM, nylon or polycarbonate is used and a metal such as aluminum, stainless steel or brass can be also used. Hydrophilic treatment is preliminarily applied to the surface of the shaft element 1 formed of the thermoplastic resin by flame treatment, plasma treatment or corona discharge treatment in order to stably and closely bond the

